



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Confirmation Number: 2591

Nobuyuki MATSUKAWA

Attorney Docket: P65868US0

Serial No. 09/644,859

Group Art Unit: 2612

Filed: August 24, 2000

Examiner: Ngoc-Yen T. VU

For: IMAGE PICKUP APPARATUS FOR HIGH-SPEED PHOTOGRAPING AND
METHOD OF CONTROLLING THE SAME

AMENDMENT UNDER 37 C.F.R. 1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

AUG 04 2004

Technology Center 2600

Sir:

In response to the Official Action mailed June 3, 2004 (Paper No. 6), please
amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2
of this paper.

Remarks begin on page 3 of this paper.

Please
Enter
N. Vu
8/30/04



AF 61

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nobuyuki MATSUKAWA Attorney Docket: P65868US0

Serial No.: 09/644,859 Group Art Unit: 2612

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For: IMAGE PICKUP APPARATUS FOR HIGH SPEED PHOTOGRAPHING AND METHOD OF CONTROLLING THE SAME

TRANSMITTAL

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P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

Transmitted herewith is an Amendment and Response to the final office action under 37 C.F.R. 1.116 in the above captioned application.

Small Entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

XX No additional fee is required.

The fee has been calculated as shown below:

Claims	Highest	Present	Small Entity	Other Than A
Remaining	Number	Extra		Small Entity
After	Previously		Rate Addit. (or)	Rate Addit.
Amendment	Paid For		Fee	Fee
Total 1 - 20 = 0			x09 = \$18	x 18 = \$
Indep. 1 - 5 = 0			x43 = \$43	x 86 = \$
First Presentation of				
Multiple Dependent Claim			x140 = \$	+280 = \$
Total Additional Fee			\$	\$

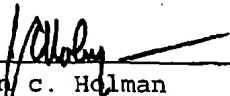
Credit Card Payment Form in the amount of \$__ is attached for Extra Claim Fee.

XX If a Petition for Extension of Time is necessary and the Petition and/or the check is not enclosed, this will act as the Petition and applicant herewith petitions the Commissioner to extend the time for response and charge any fees necessary under 37 CFR 1.17 (a) (1)-(5) to Deposit Account No. 06-1358. The Commissioner is also authorized to charge payment of any other additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is attached.

JACOBSON HOLMAN, PLLC

Dated: July 30, 2004
400 Seventh Street, N. W.
Washington, D.C. 20004-2201
JCH/JC

By: _____


John C. Holman
Reg. No. 22,769

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1 – 4 (Cancelled)

Claim 5 (Original): A method of controlling an image apparatus having a light-receiving section and a light-blocking section comprising the steps of:

receiving light from an object by the light-receiving section to generate a plurality of analog video signals for a first field period;

blocking the light by the light-blocking section to generate reference signals for each analog video signal;

converting the analog video signals into digital video signals;

accumulating the reference signals for each digital video signal to generate a first accumulated signal;

averaging the first accumulated signal to generate a first average signal;

accumulating the first average signal for all the video signals for a second field that follows the first field period to generate a second accumulated signal;

averaging the second accumulated signal to generate a second average signal; and

adjusting a reference level of each digital video signal based on the second average signal so that the difference between the digital video signals and the second average signal becomes zero.

Claims 6 – 7 (Cancelled)